

ABSTRACT OF THE DISCLOSURE

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~~A vehicle-mounted input unit capable of enabling the manual manipulator to give its operator a feel of resistance varying with what is done by operating the manipulator and thereby affording excellent operating convenience is to be provided. In a memory unit provided in a control section are stored tables showing correlations between the operating directions and quantity of a manual manipulator and an external force applied to the manual manipulator from actuators. The control section determines the direction and magnitude of the external force to be applied to the manual manipulator from positional information supplied from position sensors and the tables and drives the actuators via an actuator driver. The external force to be applied to the manual manipulator can be regulated either according to the movable range of a vehicle-mounted electric device from its current position to an end of its possible motion or according to the magnitude of the working force applied to the manual manipulator.~~

SECRET